

669021" 60455160  
669021" 60455160

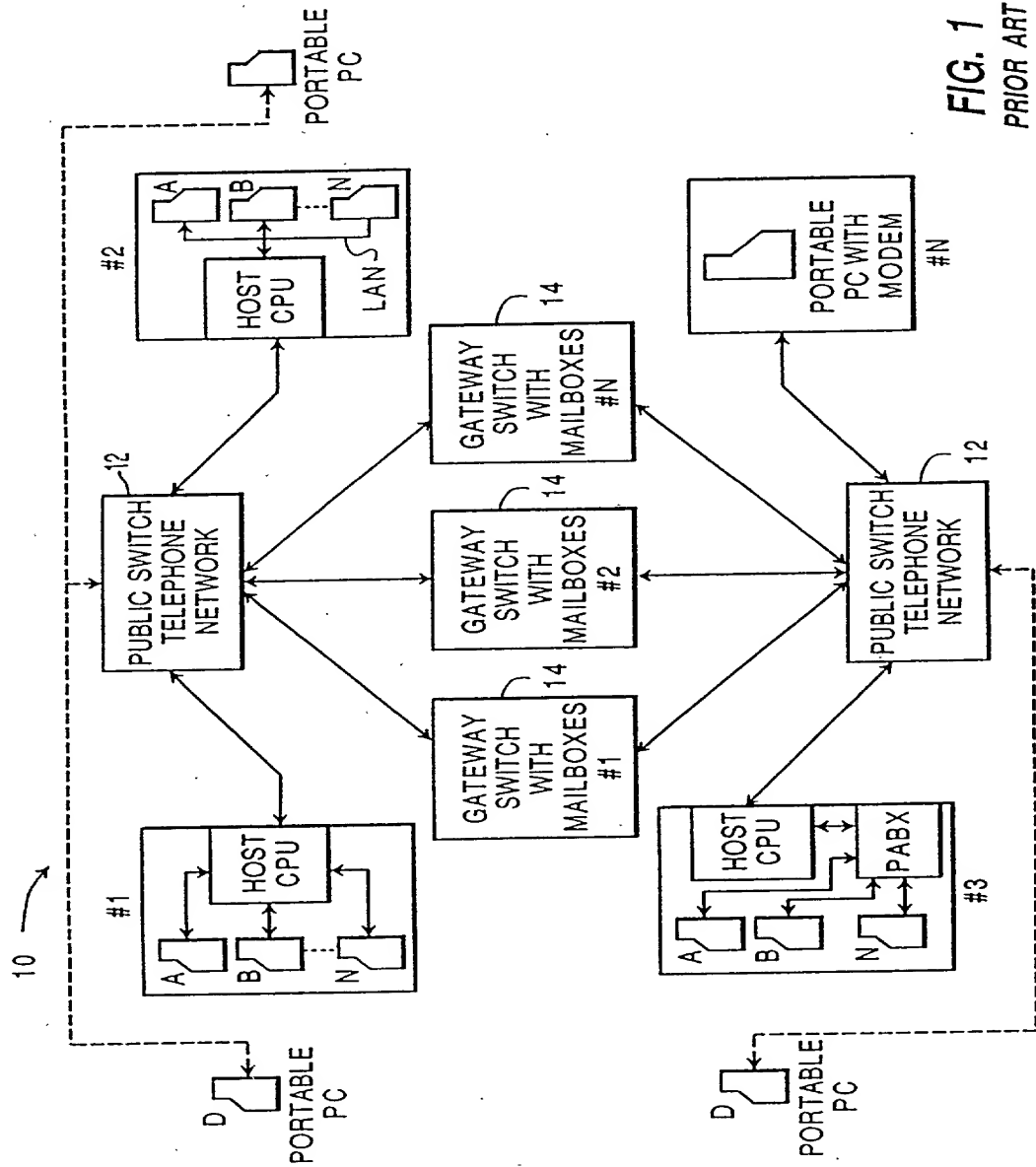


FIG. 1  
PRIOR ART

659027 60155460  
659027 60155460

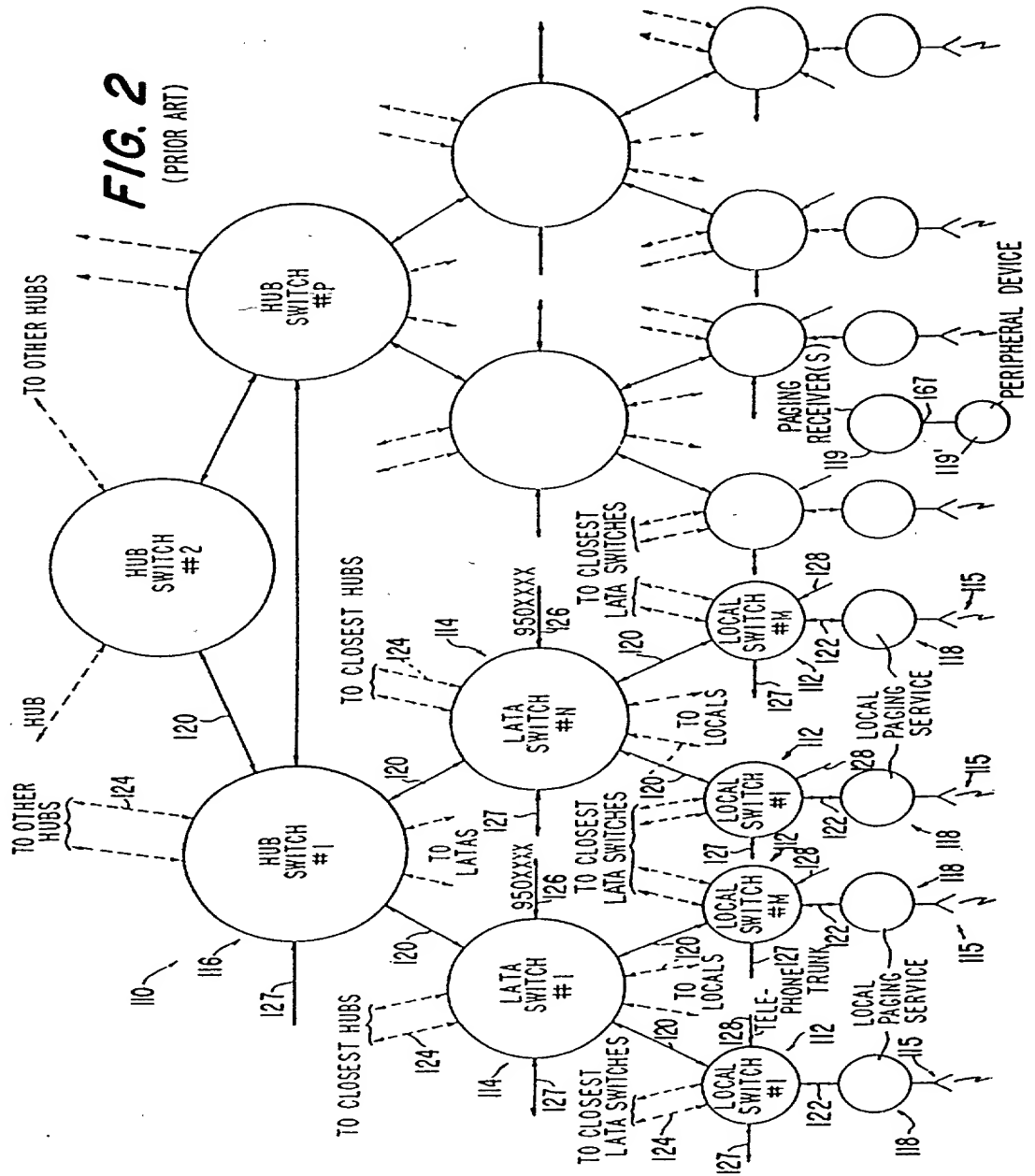
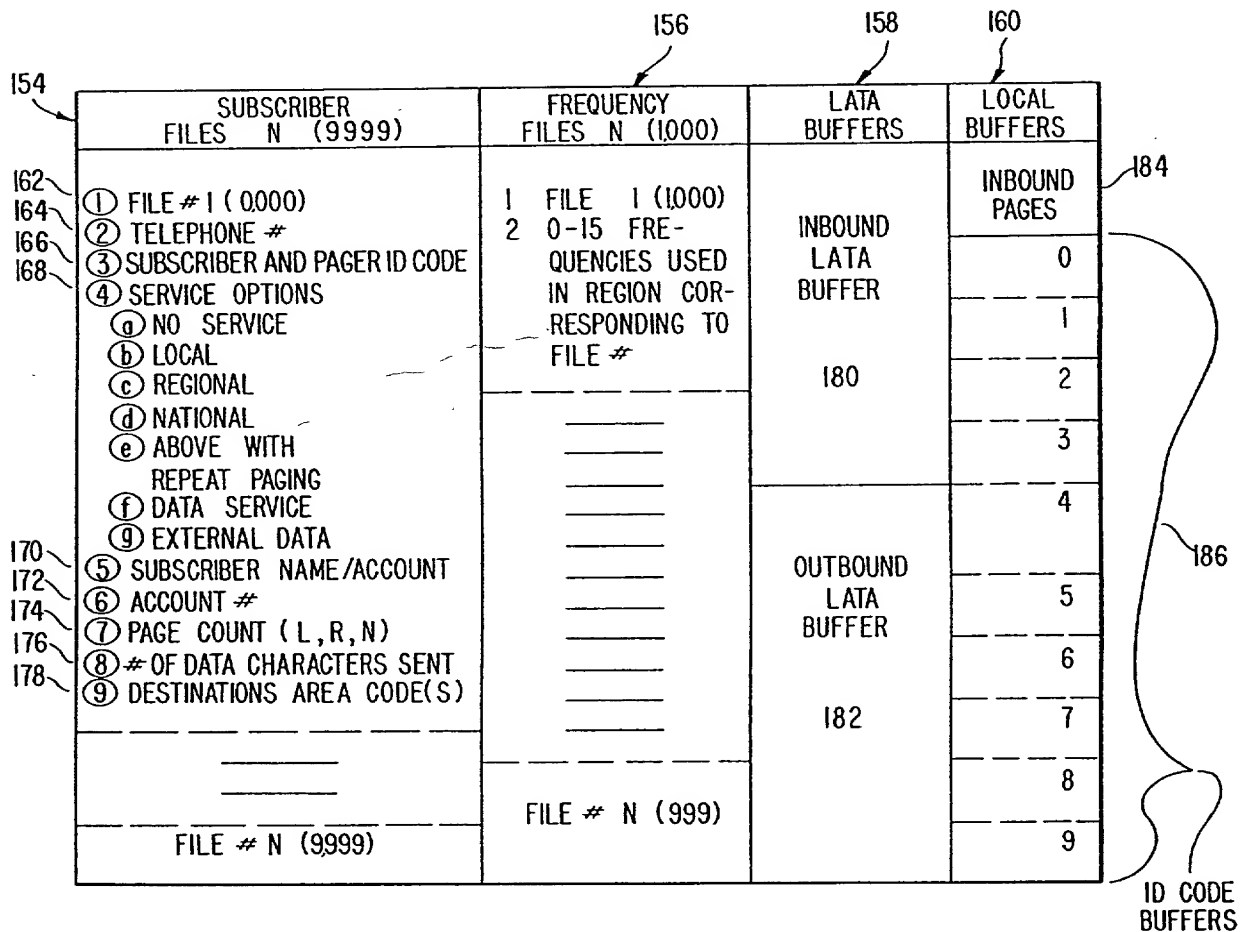


FIG. 3

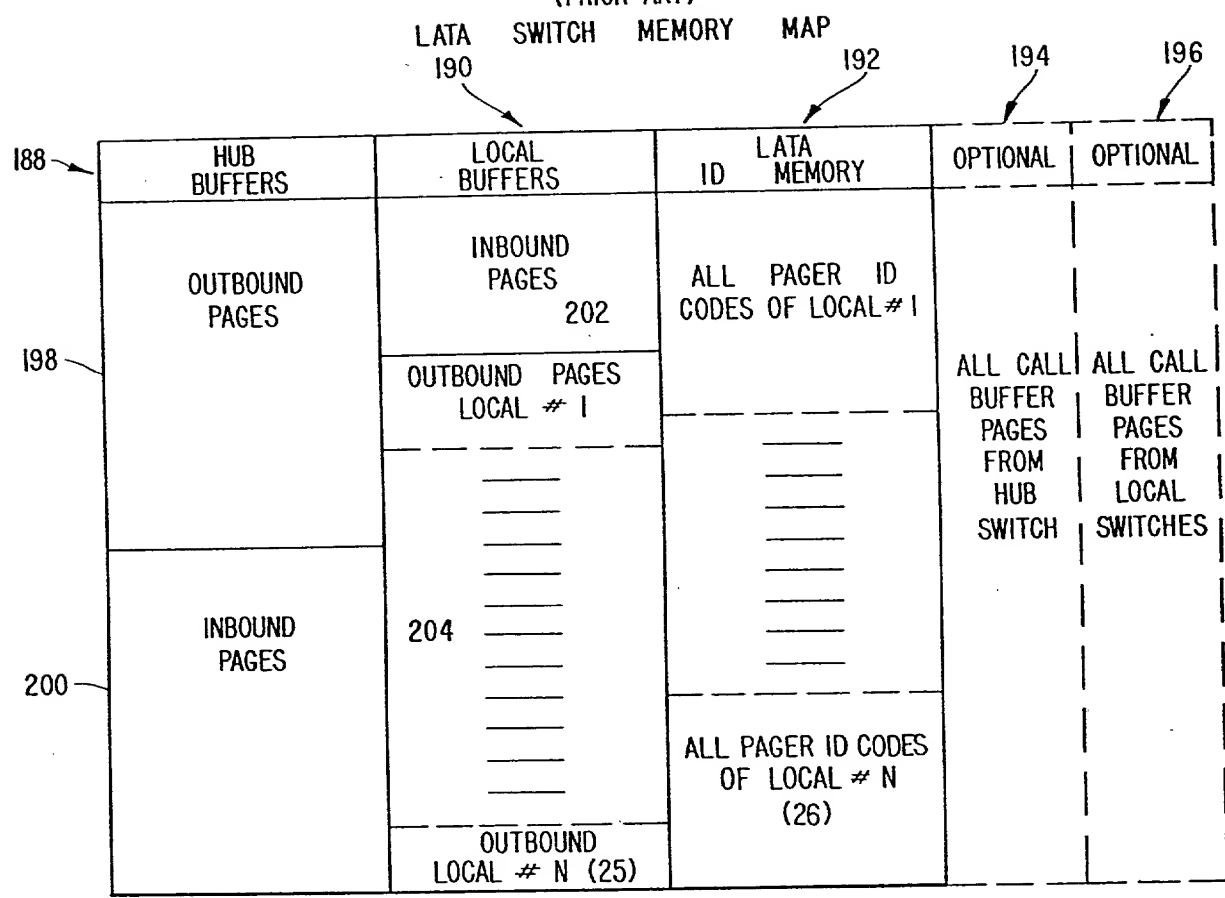
(PRIOR ART)

LOCAL SWITCH MEMORY MAP



**FIG. 4**

(PRIOR ART)



669021 6045460  
045409 120609  
669021 6045460

**FIG. 5**

(PRIOR ART)

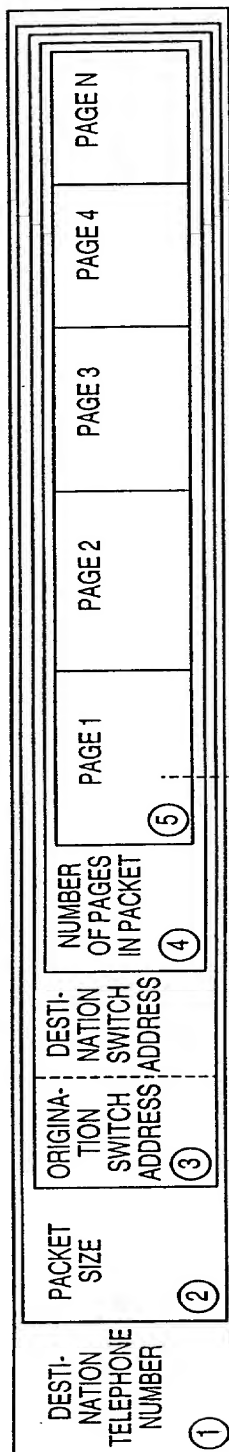
HUB SWITCH MEMORY MAP

HUB BUFFERS	LATA BUFFERS	LATA CODE TABLES N (100)	HUB ROUTING CODES N (1000)
INBOUND HUB # 1	INBOUND LATA # 1	LATA CODE # 1 222	ROUTING CODE 1,2,3,4,5,6 (312)
<div data-bbox="303 934 349 997">214</div> <div data-bbox="479 850 576 997"> <div data-bbox="670 814 951 1014"> <div data-bbox="670 850 706 892">218</div> <div data-bbox="755 850 852 997"> <div data-bbox="755 850 852 871">_____</div> <div data-bbox="755 882 852 903">_____</div> <div data-bbox="755 913 852 934">_____</div> <div data-bbox="755 945 852 966">_____</div> <div data-bbox="755 976 852 997">_____</div> </div> </div> </div>	INBOUND LATA # N (100)		<div data-bbox="1502 724 1550 787">224</div> <div data-bbox="1307 829 1404 1396"> <div data-bbox="1307 829 1404 850">_____</div> <div data-bbox="1307 861 1404 882">_____</div> <div data-bbox="1307 892 1404 913">_____</div> <div data-bbox="1307 924 1404 945">_____</div> <div data-bbox="1307 955 1404 976">_____</div> <div data-bbox="1307 987 1404 1008">_____</div> <div data-bbox="1307 1018 1404 1039">_____</div> <div data-bbox="1307 1050 1404 1071">_____</div> <div data-bbox="1307 1081 1404 1102">_____</div> <div data-bbox="1307 1113 1404 1134">_____</div> <div data-bbox="1307 1144 1404 1165">_____</div> <div data-bbox="1307 1176 1404 1197">_____</div> <div data-bbox="1307 1207 1404 1228">_____</div> <div data-bbox="1307 1239 1404 1260">_____</div> <div data-bbox="1307 1270 1404 1291">_____</div> <div data-bbox="1307 1302 1404 1323">_____</div> <div data-bbox="1307 1333 1404 1354">_____</div> <div data-bbox="1307 1365 1404 1386">_____</div> </div>
INBOUND HUB # N (6)	OUTBOUND LATA # 1		
OUTBOUND HUB # 1	OUTBOUND LATA # N (100)		
<div data-bbox="303 1291 349 1354">216</div> <div data-bbox="479 1165 576 1417"> <div data-bbox="670 1203 951 1423"> <div data-bbox="670 1203 706 1245">220</div> <div data-bbox="755 1165 852 1417"> <div data-bbox="755 1165 852 1186">_____</div> <div data-bbox="755 1197 852 1218">_____</div> <div data-bbox="755 1228 852 1249">_____</div> <div data-bbox="755 1260 852 1281">_____</div> <div data-bbox="755 1291 852 1312">_____</div> <div data-bbox="755 1323 852 1344">_____</div> <div data-bbox="755 1354 852 1375">_____</div> <div data-bbox="755 1386 852 1407">_____</div> </div> </div> </div>	OUTBOUND LATA # N (100)	LATA CODE # N (100)	ROUTING CODE # N (999)

669021-6045444  
669021-6045444

**FIG. 6**  
**PRIOR ART**

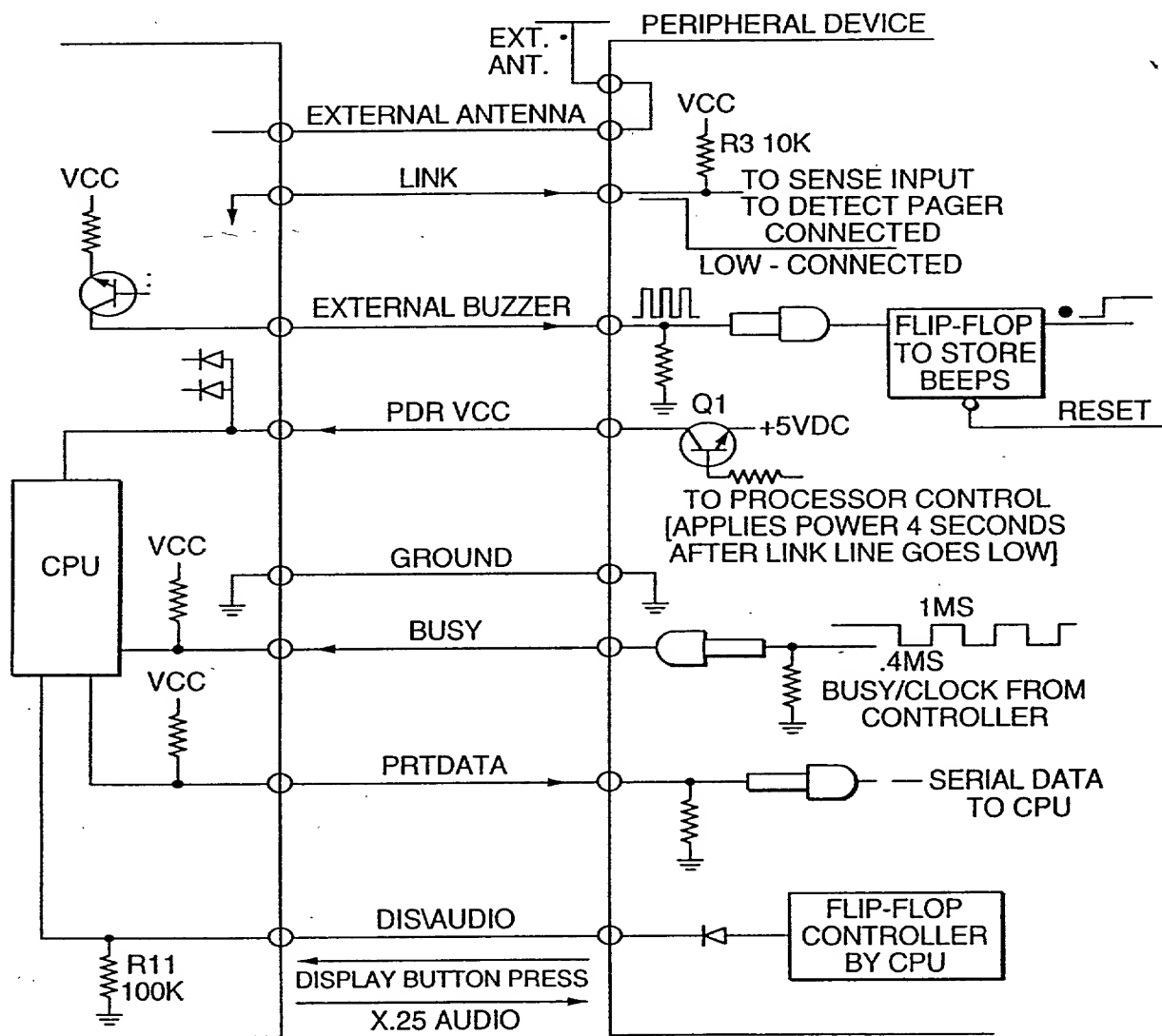
THE FIVE LAYER MODIFIED X.25 PACKET



MESSAGE DETAIL

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**FIG. 7**  
**PRIOR ART**



669021-6045160  
669021-6045160

669027" 60455760  
669027" 60455760

FIG. 8

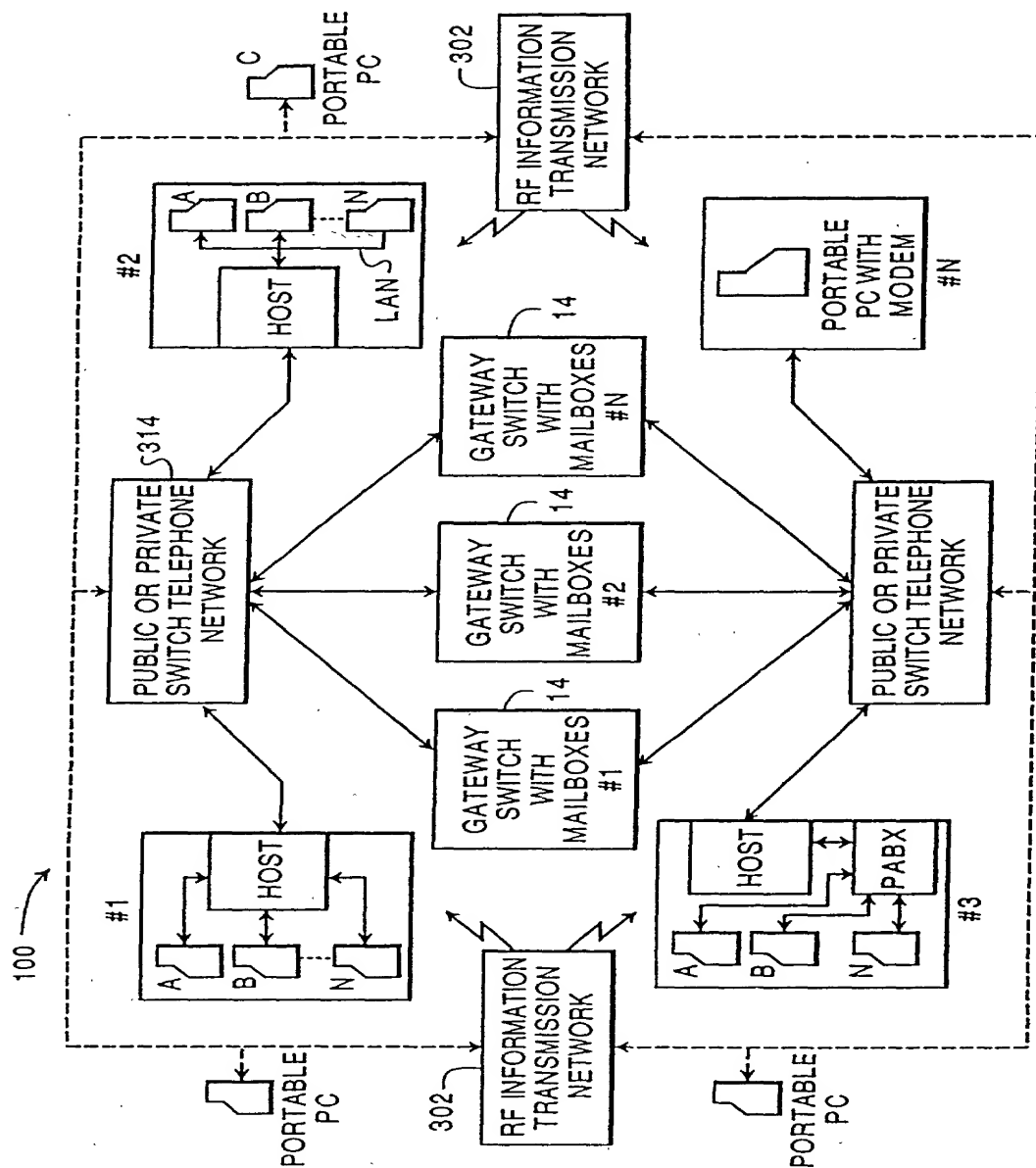
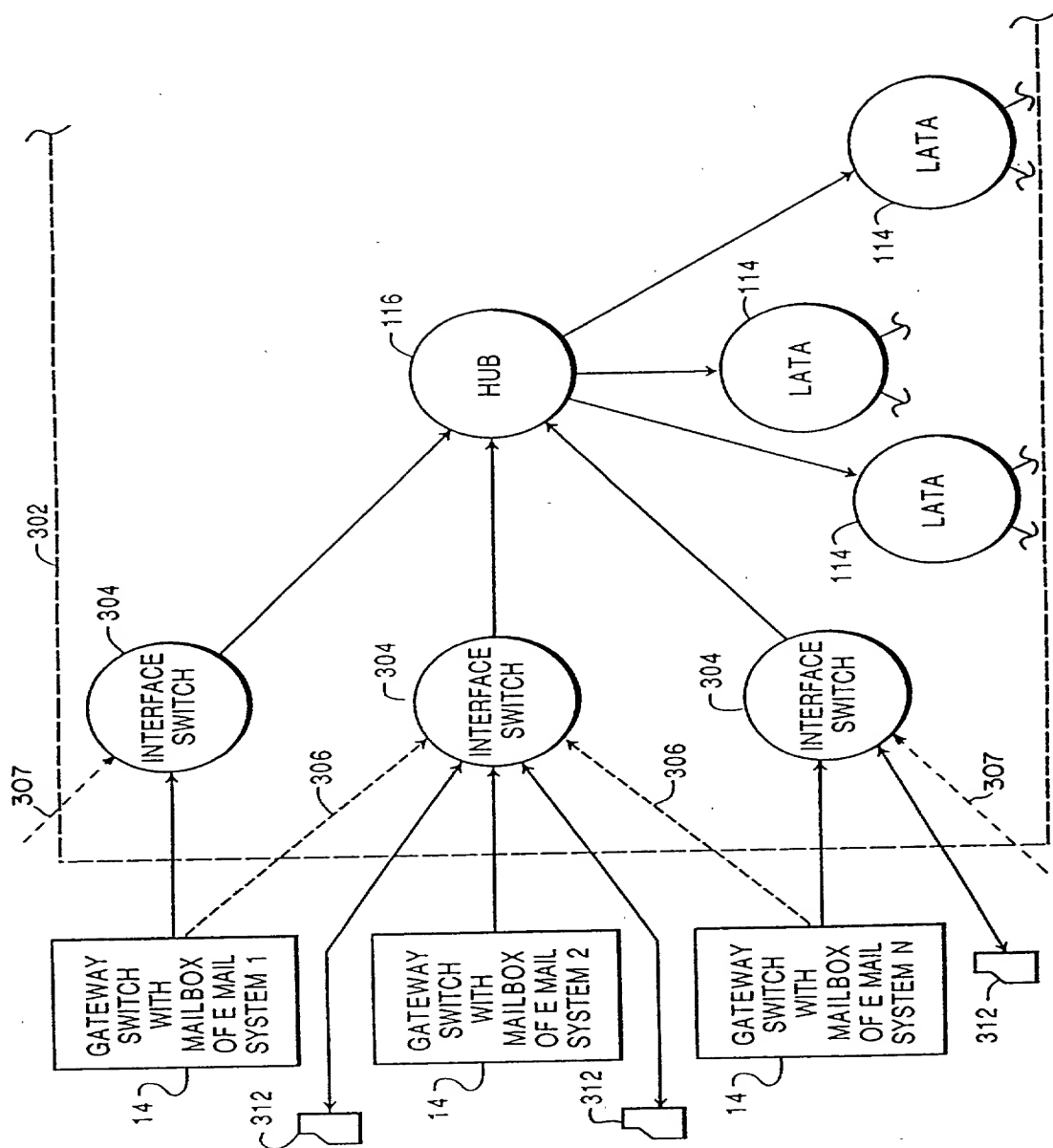


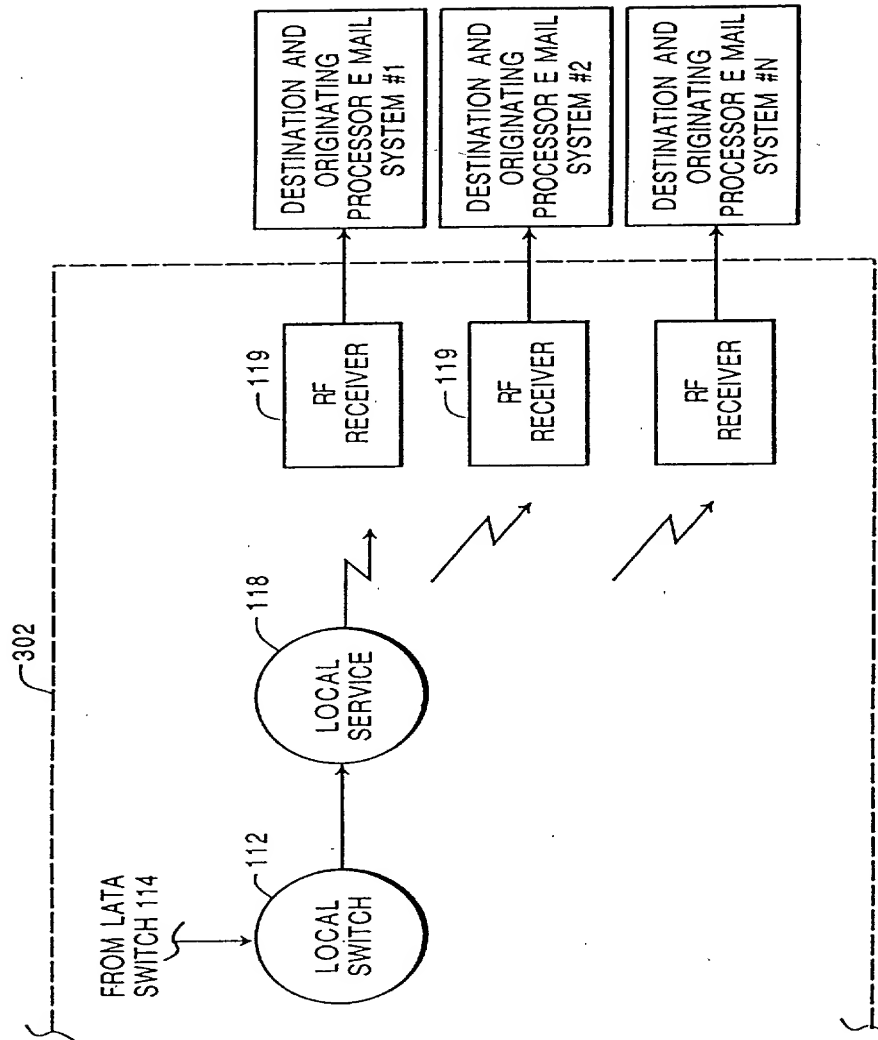


FIG. 9

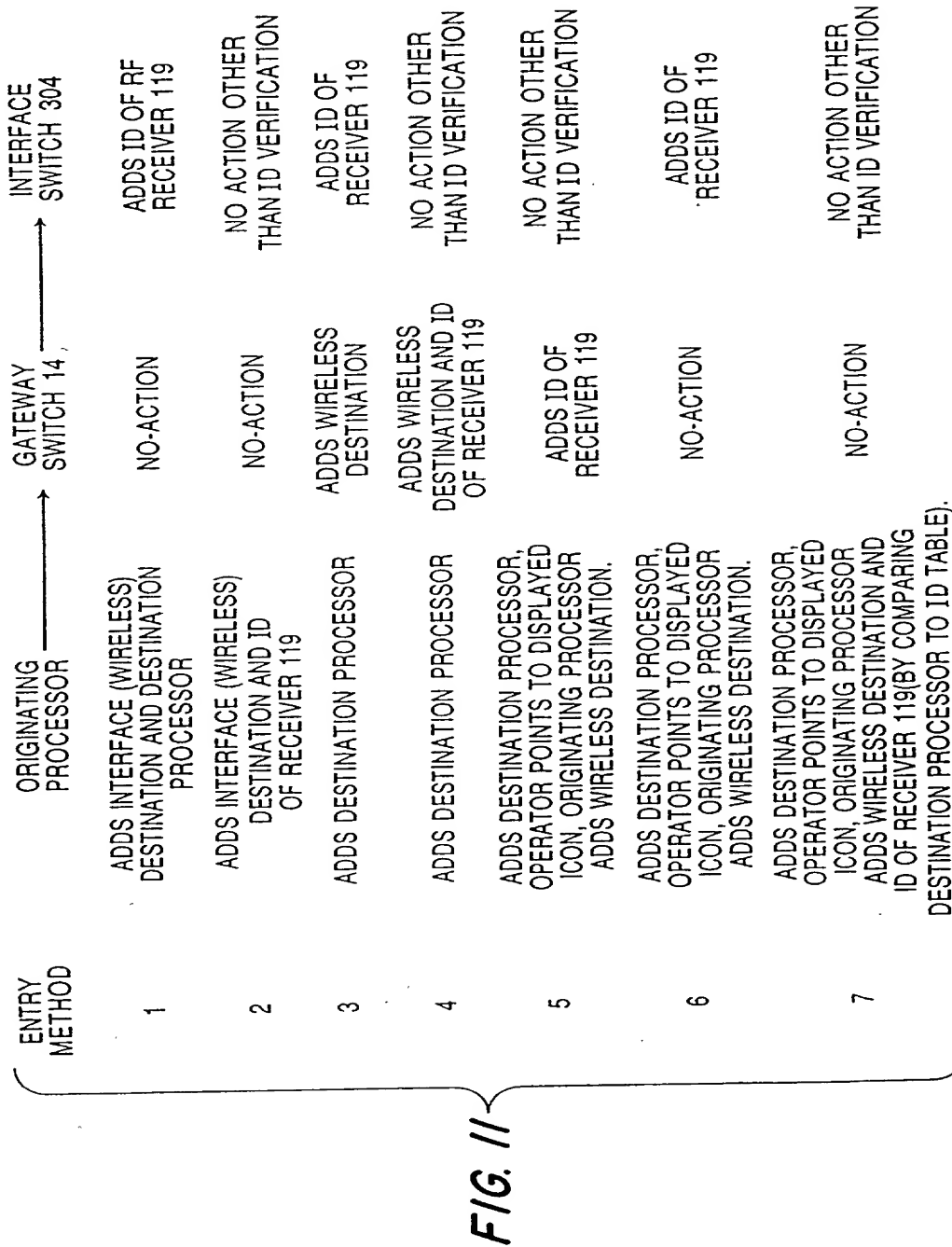


669027 60155160  
669027 60155160

FIG. 10

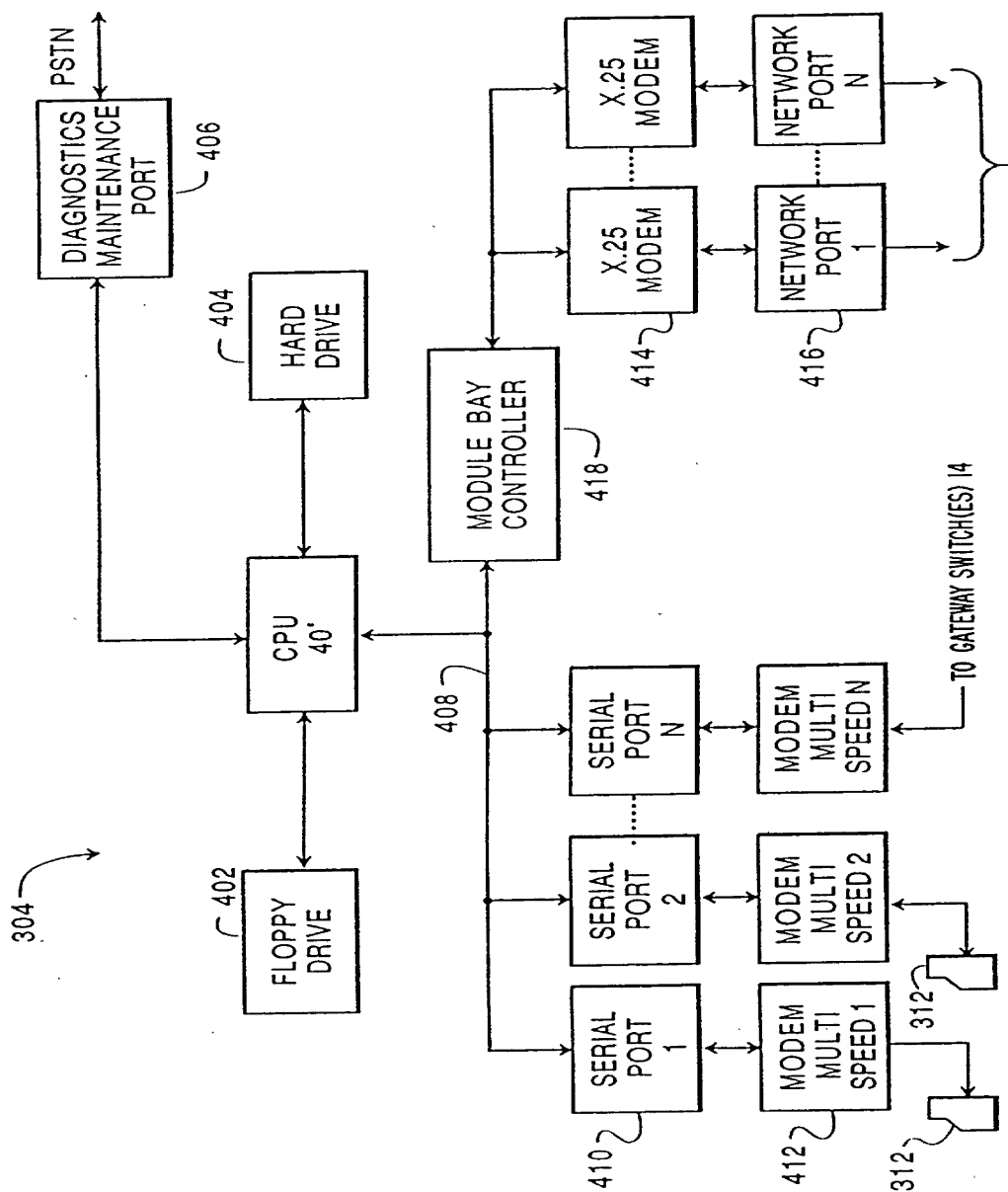


669021" 60455160  
669021" 60455160



669021-6045460  
669021-6045460

FIG. 12



669027-0455460  
669027-0455460

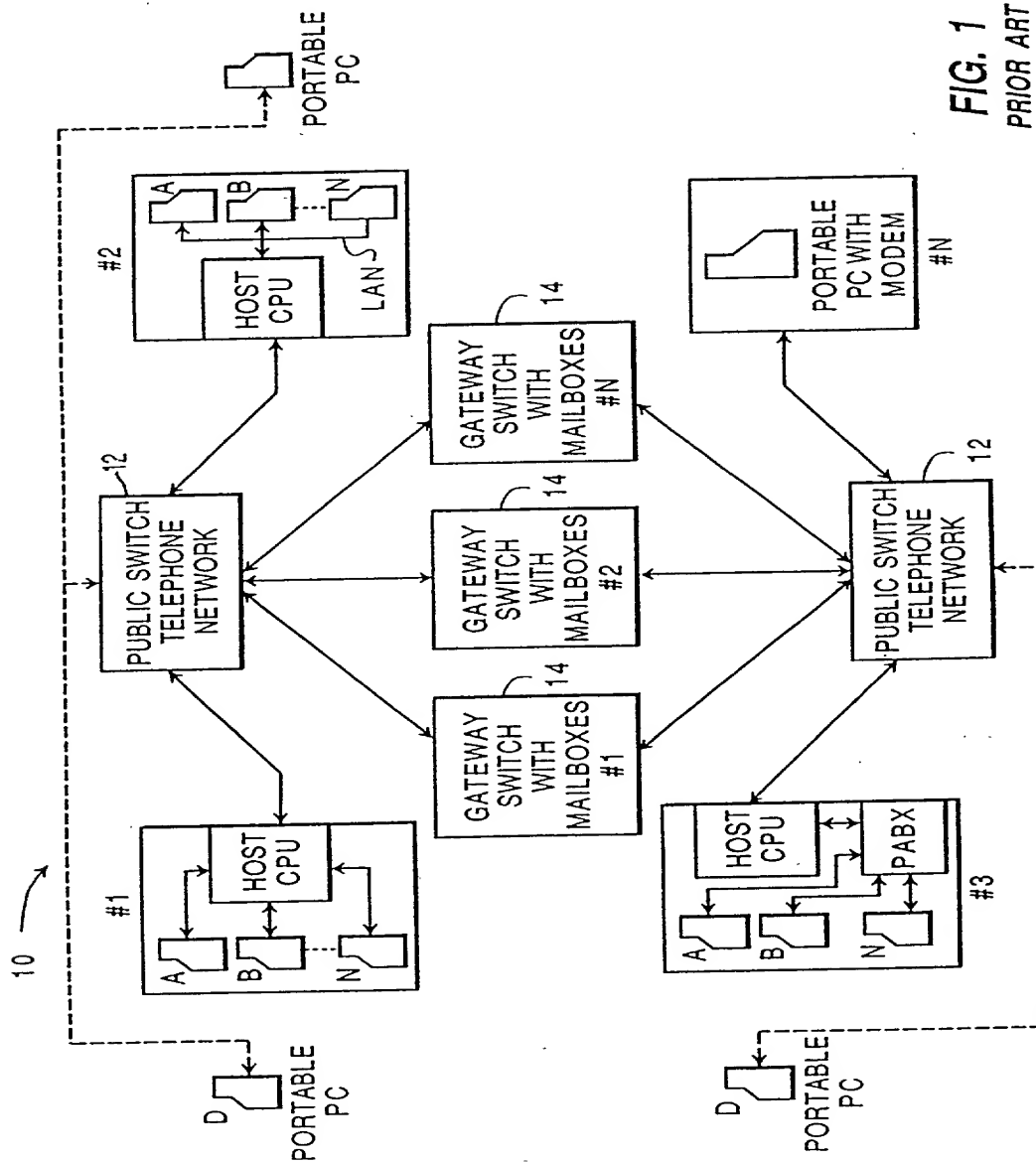


FIG. 1  
PRIOR ART

663027 6045460  
663027 6045460

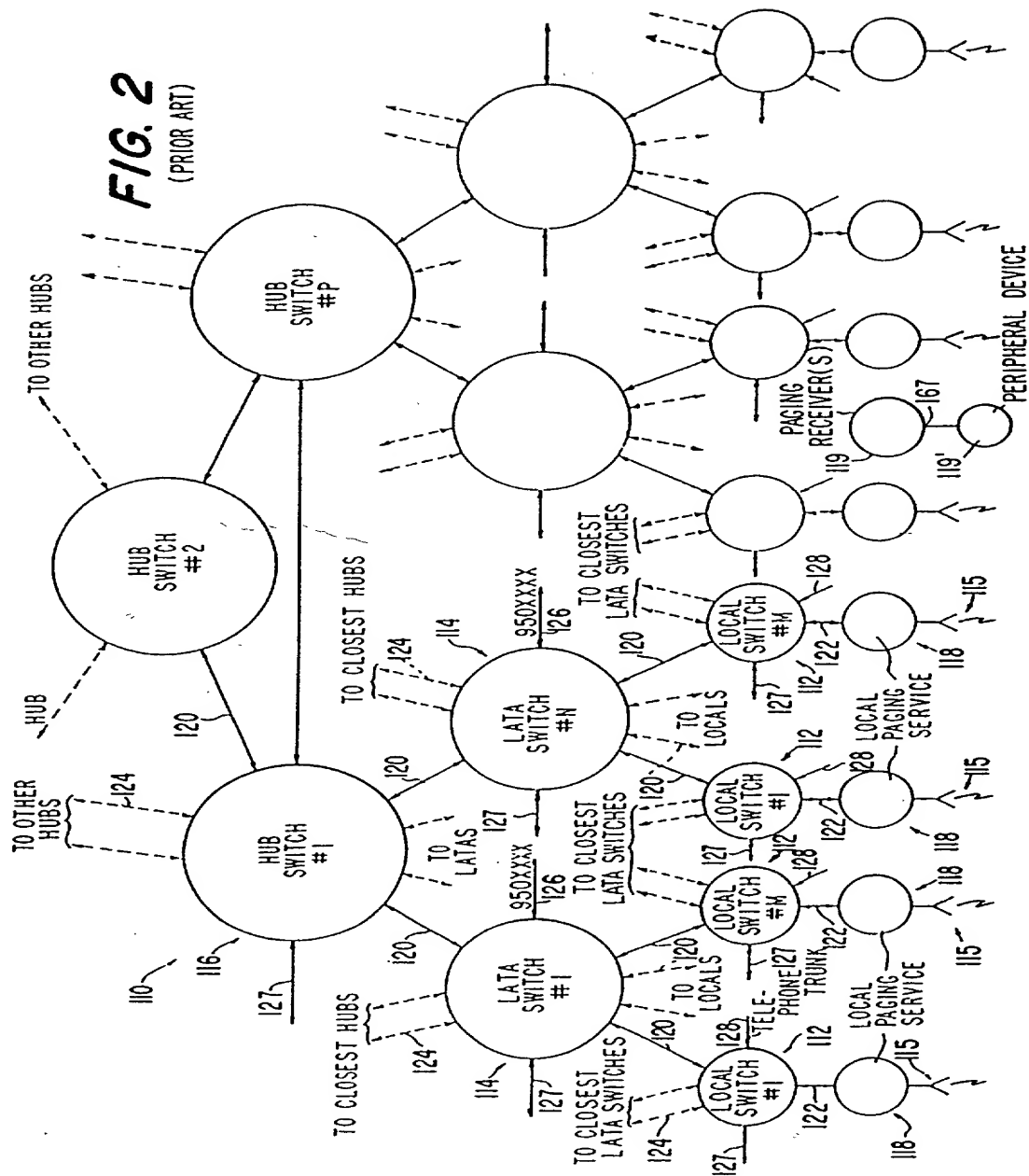
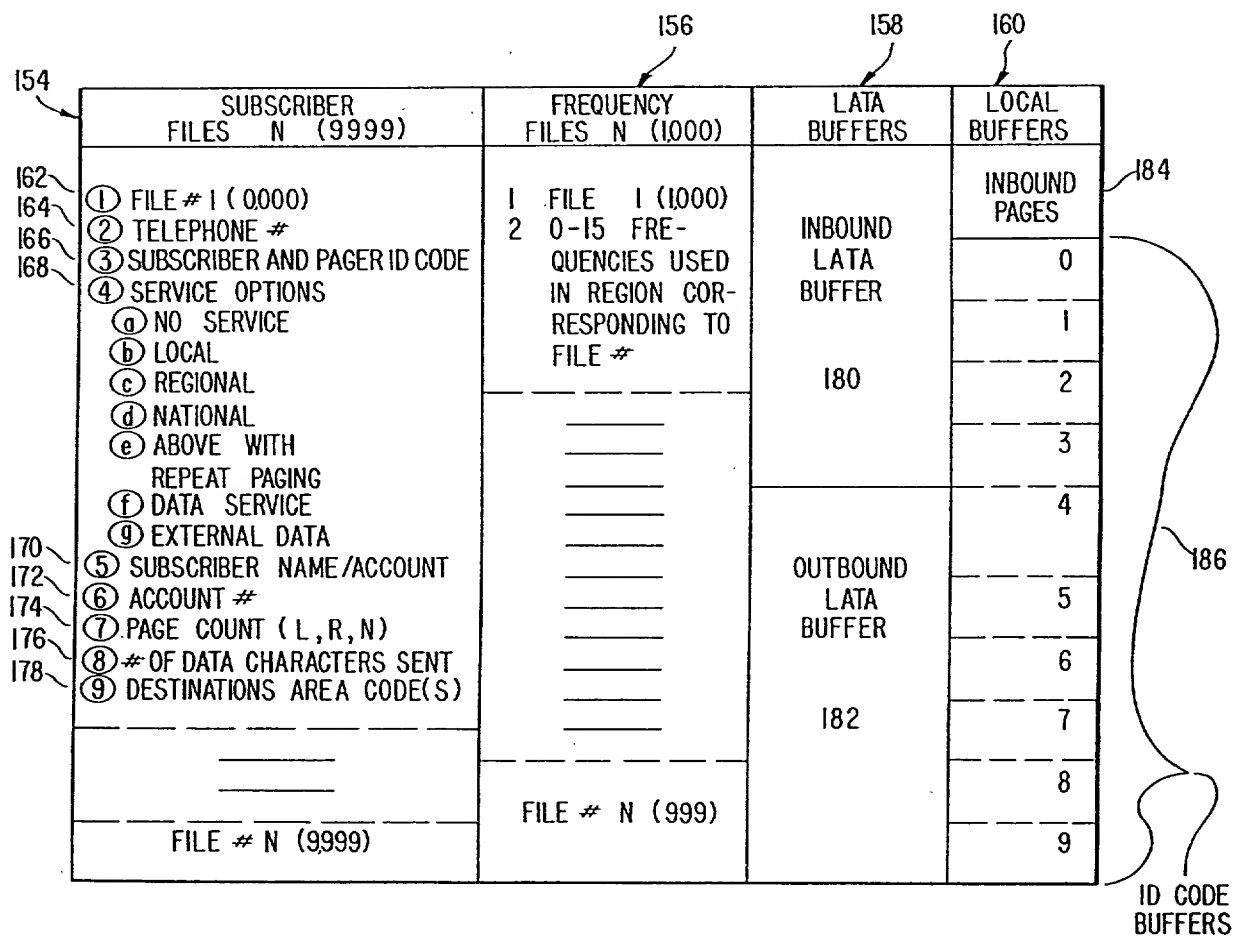


FIG. 3

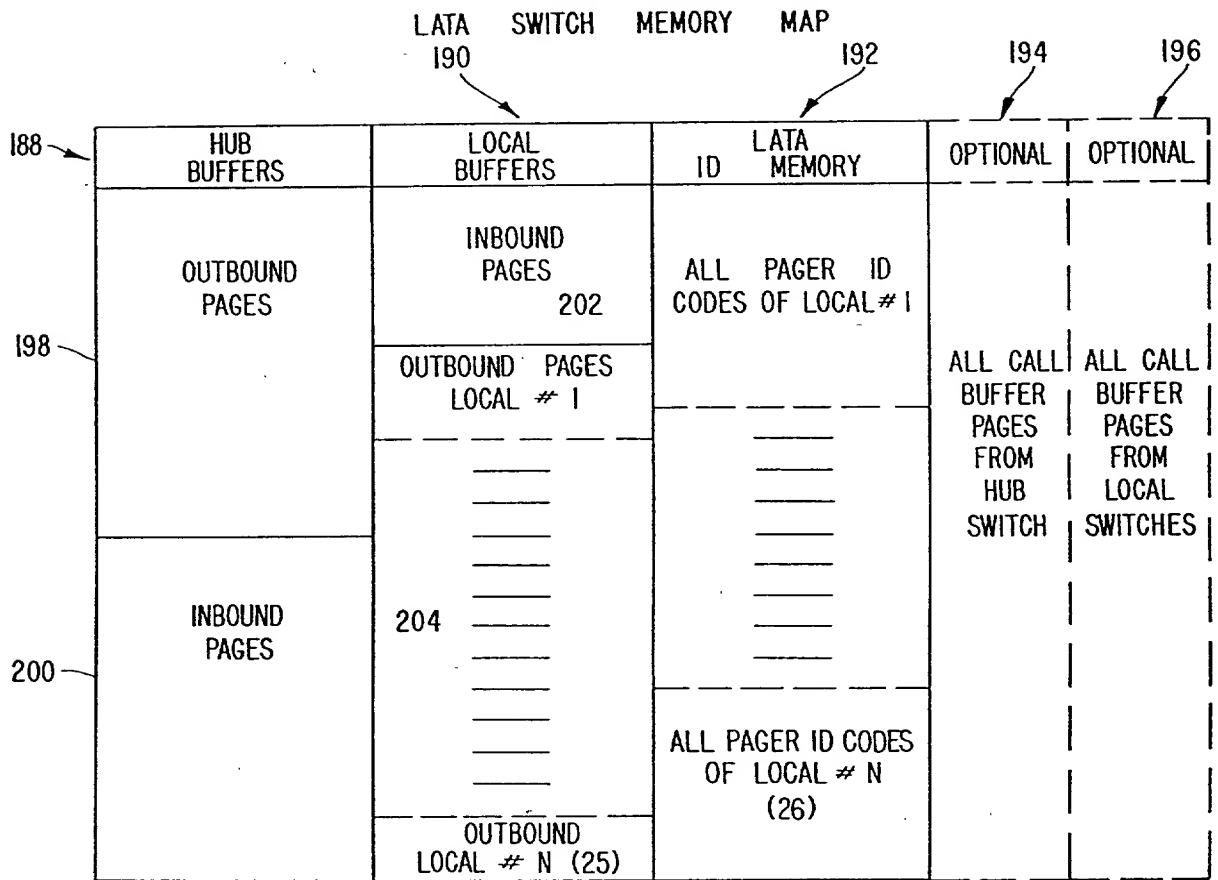
(PRIOR ART)

LOCAL SWITCH MEMORY MAP



**FIG. 4**

(PRIOR ART)



0945449 120699  
669027 6045460  
669027 6045460



**FIG. 5**

(PRIOR ART)

HUB SWITCH MEMORY MAP

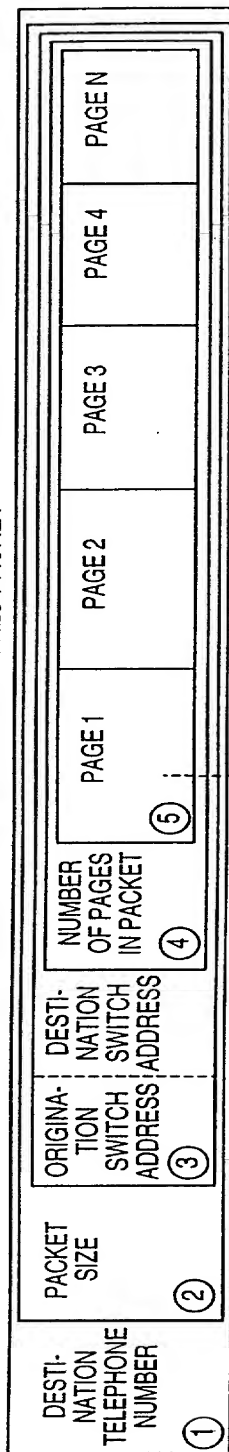
HUB BUFFERS	LATA BUFFERS	LATA CODE TABLES N (100)	HUB ROUTING CODES N (1000)
INBOUND HUB # 1	INBOUND LATA # 1	LATA CODE 222 # 1	ROUTING CODE 1,2,3,4,5,6 (312)
<div data-bbox="483 844 565 991"> <div data-bbox="483 844 565 865">_____</div> <div data-bbox="483 877 565 898">_____</div> <div data-bbox="483 911 565 932">_____</div> <div data-bbox="483 945 565 966">_____</div> <div data-bbox="483 978 565 999">_____</div> </div>	<div data-bbox="678 856 717 886">218</div> <div data-bbox="760 844 841 991"> <div data-bbox="760 844 841 865">_____</div> <div data-bbox="760 877 841 898">_____</div> <div data-bbox="760 911 841 932">_____</div> <div data-bbox="760 945 841 966">_____</div> <div data-bbox="760 978 841 999">_____</div> </div>	<div data-bbox="1042 928 1123 949">_____</div> <div data-bbox="1042 961 1123 982">_____</div> <div data-bbox="1042 995 1123 1016">_____</div> <div data-bbox="1042 1029 1123 1050">_____</div> <div data-bbox="1042 1062 1123 1083">_____</div> <div data-bbox="1042 1096 1123 1117">_____</div> <div data-bbox="1042 1129 1123 1150">_____</div> <div data-bbox="1042 1163 1123 1184">_____</div> <div data-bbox="1042 1197 1123 1218">_____</div> <div data-bbox="1042 1230 1123 1251">_____</div>	<div data-bbox="1318 844 1399 865">_____</div> <div data-bbox="1318 877 1399 898">_____</div> <div data-bbox="1318 911 1399 932">_____</div> <div data-bbox="1318 945 1399 966">_____</div> <div data-bbox="1318 978 1399 999">_____</div> <div data-bbox="1318 1012 1399 1033">_____</div> <div data-bbox="1318 1045 1399 1066">_____</div> <div data-bbox="1318 1079 1399 1100">_____</div> <div data-bbox="1318 1113 1399 1134">_____</div> <div data-bbox="1318 1146 1399 1167">_____</div> <div data-bbox="1318 1180 1399 1201">_____</div> <div data-bbox="1318 1213 1399 1234">_____</div> <div data-bbox="1318 1247 1399 1268">_____</div> <div data-bbox="1318 1281 1399 1302">_____</div> <div data-bbox="1318 1314 1399 1335">_____</div> <div data-bbox="1318 1348 1399 1369">_____</div> <div data-bbox="1318 1381 1399 1402">_____</div>
INBOUND HUB # N (6)	INBOUND LATA # N (100)	<div data-bbox="1042 928 1123 949">_____</div> <div data-bbox="1042 961 1123 982">_____</div> <div data-bbox="1042 995 1123 1016">_____</div> <div data-bbox="1042 1029 1123 1050">_____</div> <div data-bbox="1042 1062 1123 1083">_____</div> <div data-bbox="1042 1096 1123 1117">_____</div> <div data-bbox="1042 1129 1123 1150">_____</div> <div data-bbox="1042 1163 1123 1184">_____</div> <div data-bbox="1042 1197 1123 1218">_____</div> <div data-bbox="1042 1230 1123 1251">_____</div>	ROUTING CODE # N (999)
OUTBOUND HUB 1	OUTBOUND LATA 1		
<div data-bbox="483 1171 565 1402"> <div data-bbox="483 1171 565 1192">_____</div> <div data-bbox="483 1205 565 1226">_____</div> <div data-bbox="483 1239 565 1260">_____</div> <div data-bbox="483 1272 565 1293">_____</div> <div data-bbox="483 1306 565 1327">_____</div> <div data-bbox="483 1339 565 1360">_____</div> <div data-bbox="483 1373 565 1394">_____</div> <div data-bbox="483 1407 565 1428">_____</div> </div>	<div data-bbox="678 1222 717 1251">220</div> <div data-bbox="760 1171 841 1402"> <div data-bbox="760 1171 841 1192">_____</div> <div data-bbox="760 1205 841 1226">_____</div> <div data-bbox="760 1239 841 1260">_____</div> <div data-bbox="760 1272 841 1293">_____</div> <div data-bbox="760 1306 841 1327">_____</div> <div data-bbox="760 1339 841 1360">_____</div> <div data-bbox="760 1373 841 1394">_____</div> <div data-bbox="760 1407 841 1428">_____</div> </div>	LATA CODE # N (100)	
OUTBOUND HUB # N (6)	OUTBOUND LATA # N (100)		

669021 60455160  
0455409 120699  
669021 60455160

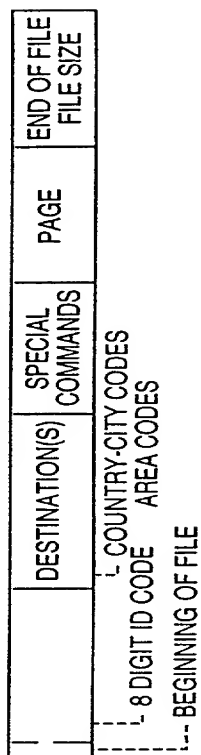
66502F 601557H  
66502F 601557H

**FIG. 6**  
**PRIOR ART**

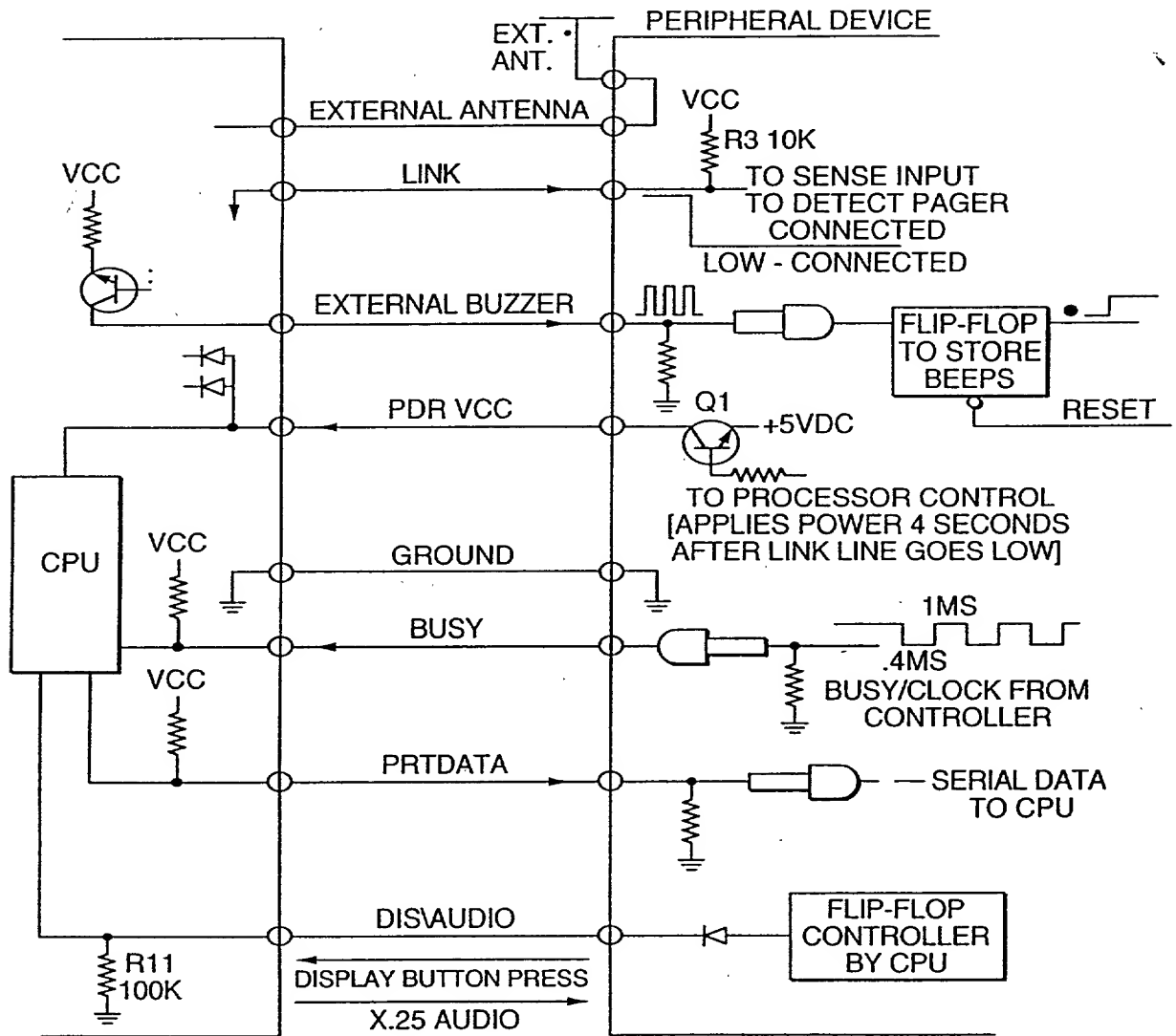
THE FIVE LAYER MODIFIED X.25 PACKET



MESSAGE DETAIL



**FIG. 7**  
**PRIOR ART**



669027 60455460  
669027 60455460

FIG. 8

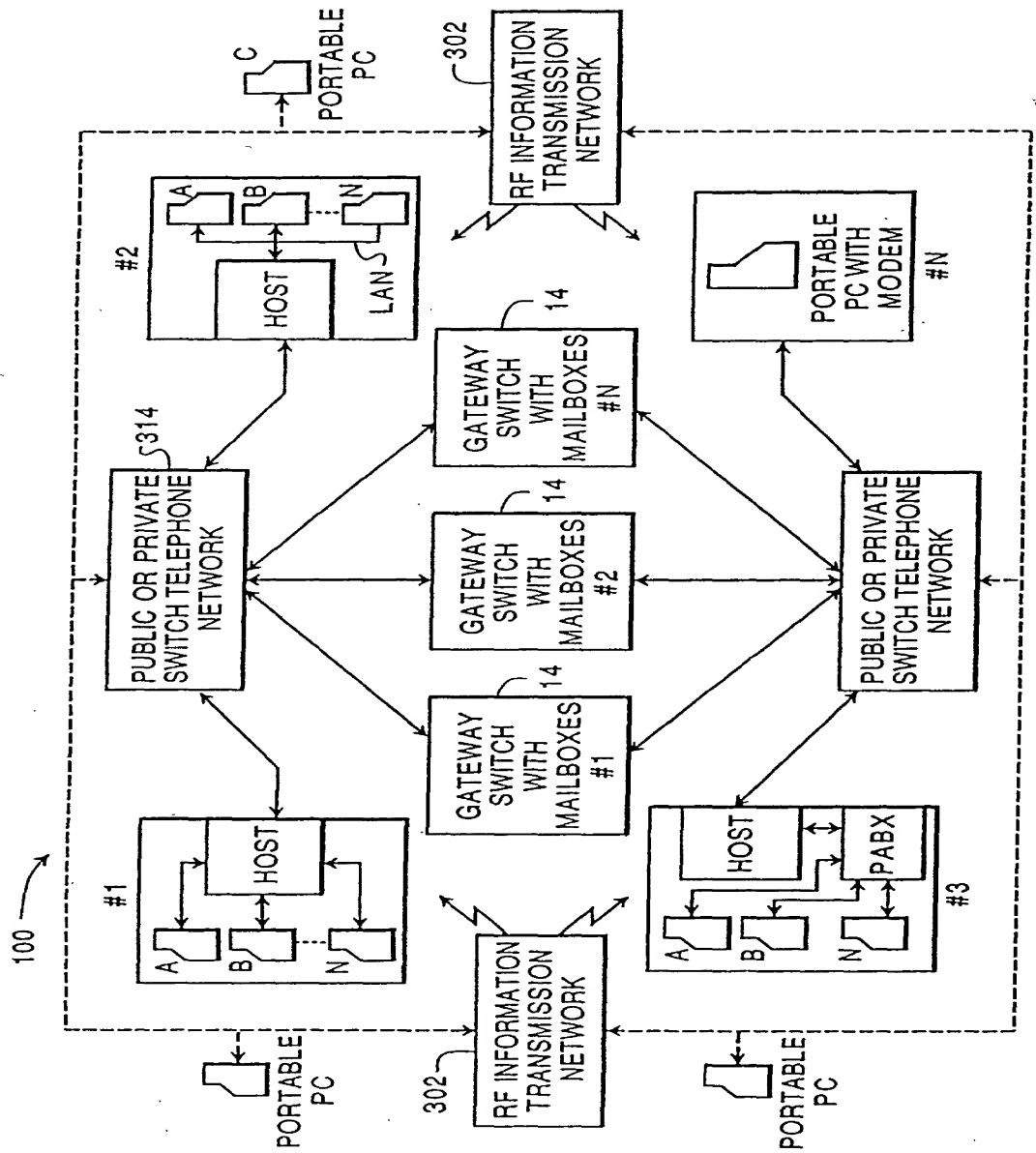
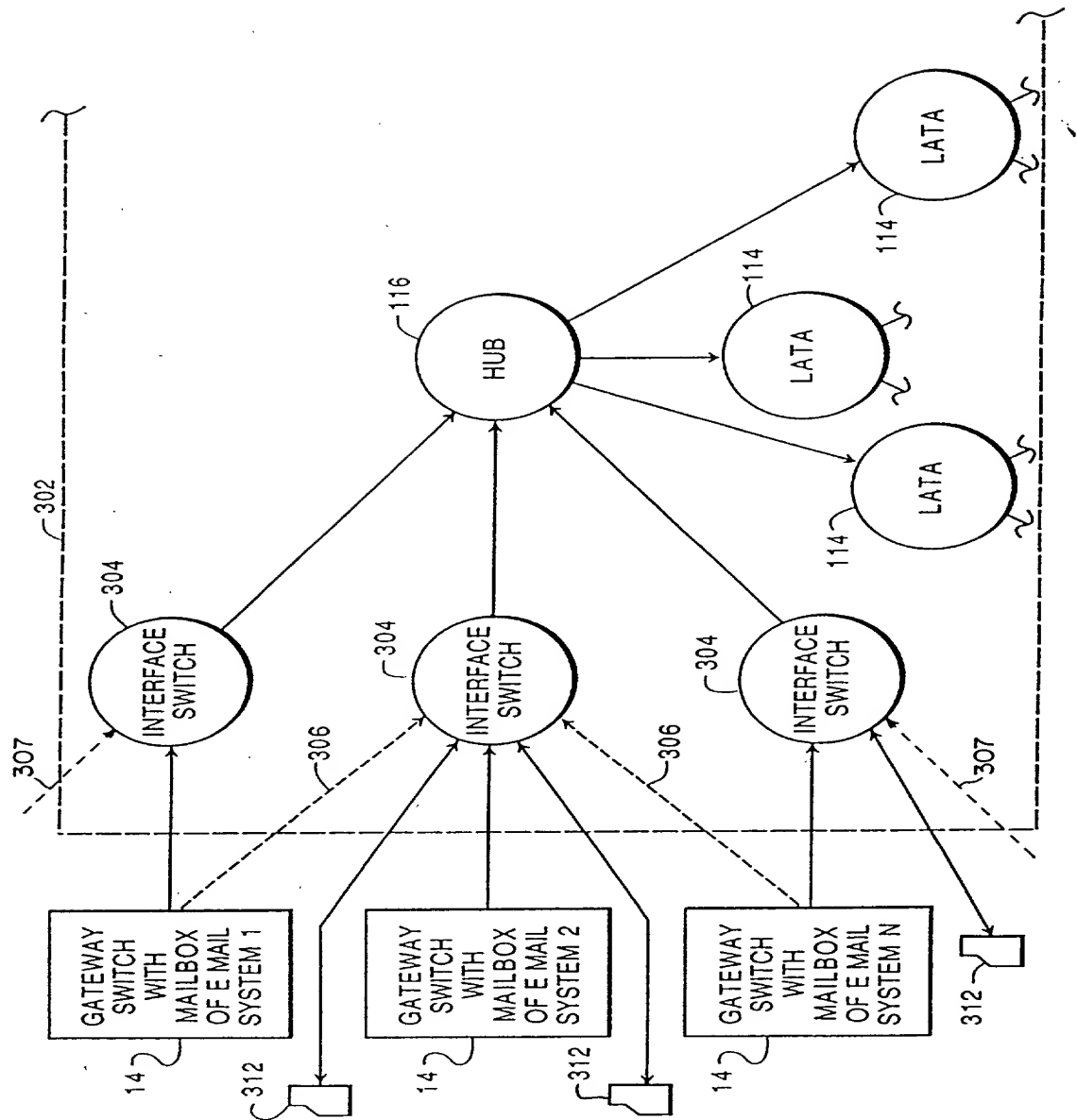
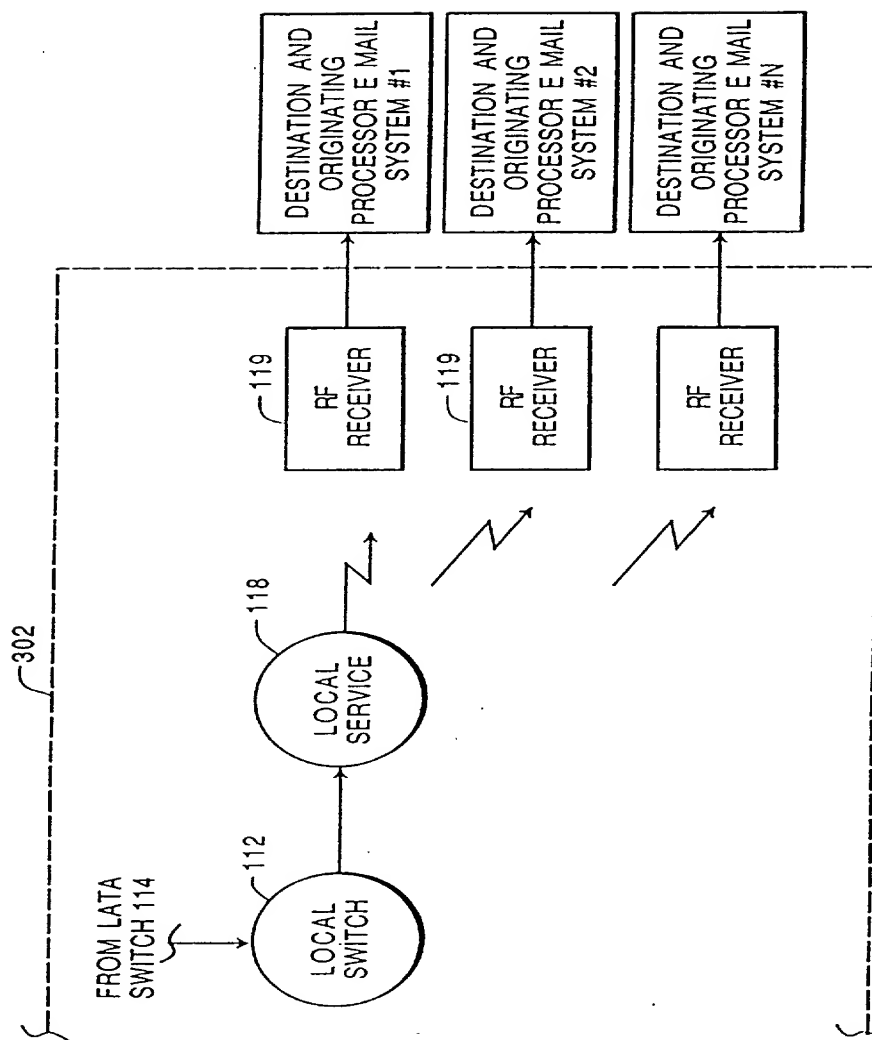


FIG. 9



669021 6045460  
669021 6045460

FIG. 10



669027 60455460  
669027 60455460

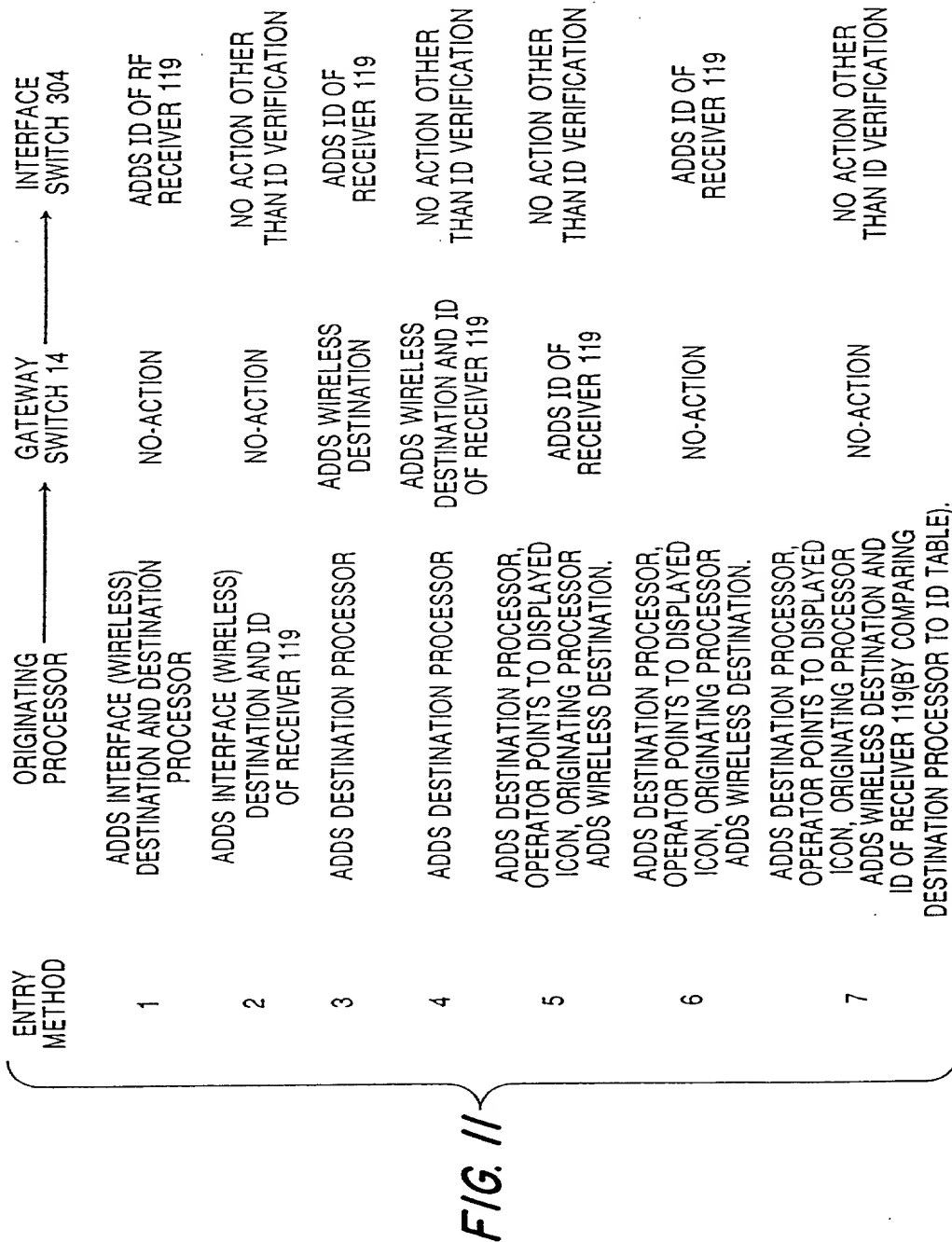


FIG. 12

